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L2 and heteropolyacid catalyst	3

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<u>L3</u>	L2 and heteropolyacid catalyst	3	<u>L3</u>
<u>L2</u>	L1 and aliphatic ester	460	<u>L2</u>
<u>L1</u>	ion exchange or zeolite	154327	<u>L1</u>

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1. Document ID: US 20010047107 A1

L3: Entry 1 of 3

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047107
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010047107 A1

TITLE: Ester synthesis

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Coker, Eric Nicholas	Albuquerque	NM	US	
Froom, Simon Frederick Thomas	Snaith		GB	
Smith, Warren John	Feltham		GB	

US-CL-CURRENT: 560/247[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMD](#) [Draw Desc](#) [Image](#)

2. Document ID: US 20010029307 A1

L3: Entry 2 of 3

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029307
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010029307 A1

TITLE: Ester Synthesis

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Froom, Simon Frederick Thomas	East Yorkshire		GB	
Hodge, Stephen Robert	East Yorkshire		GB	
Pacynko, Witold Franciszek	East Yorkshire		GB	

US-CL-CURRENT: 560/247[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMD](#) [Draw Desc](#) [Image](#)

3. Document ID: KR 2001071867 A, WO 200003966 A1, AU 9946323 A, BR 9912038 A, EP 1097120 A1, CN 1309630 A, US 2001047107 A1

L3: Entry 3 of 3

File: DWPI

Jul 31, 2001

DERWENT-ACC-NO: 2000-171231

DERWENT-WEEK: 200208

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TITLE: Vapor phase production of lower aliphatic esters, by reacting a lower olefin with a saturated lower aliphatic mono-carboxylic acid which have had basic nitrogenous compounds removed prior to contact with a heteropolyacid catalyst

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